

what is claimed is:

1. A front filter installed at a front of a panel in a plasma display apparatus, the front filter comprising:

an electromagnetic-wave shield film having a conductive powder decentralized therein, for shielding an electromagnetic wave.

2. The front filter according to claim 1, wherein the electromagnetic-wave shield film comprises:

a base film; and

a coating film coated using a mixture of the conductive powder and a predetermined synthetic resin on the base film.

3. The front filter according to claim 1, wherein the conductive powder has a concentration of 1-40% of the synthetic resin by a volume ratio.

4. The front filter according to claim 1, further comprising:

an optical filter film; and

an adhesive layer having the conductive powder decentralized therein, for adhering the optical filter film to the electromagnetic-wave shield film.

5. The front filter according to claim 4, wherein the optical filter film is any one of an antireflection coating, a glass, an infrared-ray shield film and a color correction film.

6. The front filter according to claim 5, wherein the glass is used when the front filter is a glass-type front filter.

7. The front filter according to claim 1, wherein the conductive powder is formed of any one of copper (Cu), silver (Ag), gold (Au), aluminum (Al), nickel (Ni), platinum (Pt), and carbon nanotube (CNT).

8. The front filter according to claim 7, wherein the conductive powder is a low resistance material.

9. The front filter according to claim 1, wherein the conductive powder has a size of below 380 nm.

10. A front filter installed at a front of a panel in a plasma display apparatus, the front filter comprising:
at least two optical filter films; and
an adhesive layer having the conductive powder decentralized therein, for adhering the at least two optical filter films to each other.

11. The front filter according to claim 10, wherein the conductive powder has a concentration of 1-40% of the synthetic resin by a volume ratio.

12. The front filter according to claim 10, further comprising an electromagnetic-wave shield film having a conductive powder decentralized therein, for shielding an electromagnetic wave.

13. The front filter according to claim 10, wherein the optical filter film is any one of an antireflection coating, a glass, an infrared-ray shield film and a color correction film.

14. The front filter according to claim 10, wherein the conductive powder is formed of any one of copper (Cu), silver (Ag), gold (Au), aluminum (Al), nickel (Ni), platinum (Pt), and carbon nanotube (CNT).

15. The front filter according to claim 10, wherein the conductive powder has a size of below 380 nm.

16. A plasma display apparatus comprising:
a panel having an upper panel and a lower panel attached to each other;
a front filter being installed at a front of the panel, and having an electromagnetic-wave shield film having a conductive

powder decentralized therein, for shielding an electromagnetic-wave;

a sash base for fixing the panel;

a backcover installed at a rear of the panel; and

a front cabinet for electrically connecting the front filter with the backcover.

17. The plasma display apparatus according to claim 16, wherein the front filter is one of a glass-type front filter or a film-type front filter.

18. The plasma display apparatus according to claim 16, wherein the front filter comprises:

an optical filter film; and

an adhesive layer having the conductive powder decentralized therein, for adhering the optical filter film to the electromagnetic-wave shield film.

19. The plasma display apparatus according to claim 18, wherein the optical filter film is any one of an antireflection coating, a glass, an infrared-ray shield film and a color correction film.

20. The plasma display apparatus according to claim 16, wherein the conductive powder is formed of any one of copper (Cu),

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silver (Ag), gold (Au), aluminum (Al), nickel (Ni), platinum (Pt), and carbon nanotube (CNT).